

### REMARKS

The issues currently in the instant application are as follows:

- Claims 1-4 were rejected under 35 U.S.C. 103(a) as being unpatentable over Seni (US 2003/0007018) in view of Bott ("Using Microsoft Office 2000").
- Claims 5-10 were rejected under 35 U.S.C. 103(a) as being unpatentable over Seni (US 2003/0007018) in view of Bott ("Using Microsoft Office 2000") and Laukkanen (US 6,934,564).
- Claims 11-16 have been objected to as being dependent upon a rejected base claim.

Applicant traverses all the outstanding objections and rejections and requests reconsideration and withdrawal thereof in light of the remarks contained herein.

#### 35 U.S.C. § 103(a) – Seni and Bott

Claims 1-4 were rejected under 35 U.S.C. 103(a) as being unpatentable over Seni (US 2003/0007018) in view of Bott ("Using Microsoft Office 2000"). The reduced keypad (132, FIG. 2) of Seni is not used for entering character codes and intermediate codes into the input buffer (154, 158; FIG. 3) of Seni. Instead the Seni input buffer is used for handwriting recognition and is not linked to the keypad of Seni. (See Seni paragraphs [0027] – [0028].) Bott, also, is silent on the concept of an input buffer for receiving character codes and intermediate codes from a reduced keypad.

Additionally, neither Seni nor Bott show or suggest "an intermediate code processor, coupled to the input buffer, for changing intermediate codes into character code sequences and recording the character code sequences in a display buffer" as recited in claim 1. When using the AutoCorrect feature in Word in accordance with Bott, the AutoCorrect entry "tpfp" is displayed and then changed into "the Party of the

First Part” only after a Spacebar, Enter key, or any punctuation mark is pressed. Thus, Bott does not change an intermediate code into a character code sequence and record the character code sequence in a display buffer. Instead, Bott displays what the Examiner classifies as an “intermediate code” (tpfp) *without* changing it into a character code sequence.

See the examples in FIGs. 6-8 of the pending application. In line 630, the user presses a zero (0) key once, which is interpreted as a Ligature intermediate code (Lig), changed to character codes (094D 200D) and displayed as the half character form of Dha. Contrast this with Bott where, if a user pressed the “t” key followed by the “p” key (to start the AutoCorrect entry “tpfp”) the display would show a letter “t” and then “tp”. In the parlance of the pending patent application, both “t” and “p” are character codes and not changed from intermediate codes into character codes before being displayed.

Thus, claim 1 is not unpatentable in view of Seni and Bott. Claims 2-4 depend directly upon claim 1 and thus are also not unpatentable in view of Seni and Bott. Reconsideration and withdrawal of the rejection of claims 1-4 under 35 U.S.C. § 103(a) as being unpatentable in view of Seni and Bott is respectfully requested.

35 U.S.C. § 103(a) – Seni, Bott, and Laukkanen

Claims 5-10 were rejected under 35 U.S.C. 103(a) as being unpatentable over Seni (US 2003/0007018) in view of Bott (“Using Microsoft Office 2000”) and Laukkanen (US 6,934,564). Claims 5-6 depend directly or indirectly upon claim 1, and because Laukkanen fails to overcome the deficiencies of Seni and Bott (namely the intermediate code processor as recited in claim 1), claims 4-5 are not unpatentable in view of Seni, Bott, and Laukkanen.

Regarding claim 7, none of Seni, Bott, and Laukkanen show or suggest “an intermediate code processor, coupled to the input buffer, for changing the intermediate code into one or more character codes depending on any preceding character code that precedes the intermediate code and for recording the one or more character codes in a display buffer” as recited. As explained with reference to claim 1, the input buffer of Seni is not applicable to claim 7 and the sequence of events taught in Bott are different from those recited in claim 7. Continuing with the Examiner’s example, the erroneous ending “i” in “librari” still displays and is only changed to a “y” (to make “library”) *after* a Spacebar, Enter key, or any punctuation mark is pressed. Thus, the erroneous “i” is simply a displayed character code. It is not an intermediate code that is transformed into a character code before being displayed as recited in claim 7. Thus, claim 7 is not unpatentable in view of Seni, Bott, and Laukkanen. Claims 8-9 depend directly upon claim 7 and thus are also not unpatentable in view of Seni, Bott, and Laukkanen.

Similarly, claim 10 recites that an intermediate code (sandwiched between a first character code and a second character code) is changed to one or more character codes before using a display engine. According to Bott, typing in “actien” displays “actien” as long as a Spacebar, Enter key, or any punctuation mark is not pressed. Thus, Bott fails to change the “e” (which the Examiner refers to as an intermediate character code) to one or more character codes before displaying the one or more character codes in accordance with claim 10, and claim 10 is not unpatentable in view of Seni, Bott, and Laukkanen.

Reconsideration and withdrawal of the rejection of claims 5-10 under 35 U.S.C. § 103(a) as being unpatentable in view of Seni, Bott, and Laukkanen is respectfully requested.

Allowable Subject Matter

Applicant acknowledges the allowability of claims 11-16 if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

S U M M A R Y

The application is in condition for allowance and a favorable response at an early date is earnestly solicited. Should the Examiner have any questions, comments, or suggestions, the Examiner is invited to contact Applicant's representative at the telephone number indicated below.

Please charge any fees associated herewith, including extension of time fees, to **Deposit Account 502117**.

Respectfully submitted,

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